BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ELECTRICAL DIVISION

PRE MEASUREMENT BOOK

Name of work: :-Annual maintenance of street lights Package - D 2 In Shettyhalli surrounding area ward no 12

Job Code No:-012-22-000005

Agreement No:EE/Ele/DZ/TEND/AGR/000010/2022-23 Date:31.03.2022

Ref no and Date of commencement of work:-:-EE/(Elec)/DZ/TEND/WO/000002/2022-23 Date:04-04-2022

Estimate Amount:Rs. 2900000.00

Administartive Sanction No:EE/(Elec)/DZ/TEND/AS/11/2021-22 Date:21-03-2022

Technical Sanction No:EE/(Elec)/DZ/TEND/TS/128/2021-22 Date:06-01-2022

Name of Contractror of nature of Agency:- CHIKKANNA G (CHETHAN ELECTRICALS)

Measurement Book No: 3402 Page No: date:

Bill NO - RA Bill Bill Period :- 1/01/2023 to 31/01/2023

Sl. No.	Description	Unit	Period 1 Month	Present Measurements			
				Qty	Tender Full Rate for 1 year	Rate/Month	Cost
1	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 36/40 W fluorescent tube light street lighting system.	Each	1	20	685.45	57.12	1142.40
	No of complaints attended for the period of 01.01.2023 to 31.01.2023						
2	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. 125W HPMV Park lighting system.	Nos	1	68	756.29	63.02	4285.36
	No of complaints attended for the period of 01.01.2023 to 31.01.2023						
3	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed belowPoles with 250W HPSV street lighting system.	Each	1	1884	1019.41	84.95	160045.8
	No of complaints attended for the period of 01.01.2023 to 31.01.2023 317						
4	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below 400 watts HPSV street light /High mast lighting system.	Each	1	132	1118.08	93.17	12298.44
	No of complaints attended for the period of 01.01.2023 to 31.01.2023 10						

EE (Ele) DZ

ASST. EXECUTIVE ENGINEER (E

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5	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 24 Watt to 40 Watt LED Park/ street lighting system	Each	1	5	880.01	73.33	366.65
	No of complaints attended for the period of 01.01.2023 to 31.01.2023						
6	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 Watt to 65 W LED street Light lighting system	Each	1	182	1147.43	95.61	17401.02
	No of complaints attended for the period of 01.01.2023 to 31.01.2023 70						
7	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 90W LED street light lighting system.	Each	1	55	1377.66	114.80	6314.00
	No of complaints attended for the period of 01.01.2023 to 31.01.2023 80						
8	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for110/120 watt LED street light lighting system	Nos	1	0	1575.5	131.29	0
	No of complaints attended for the period of 01/12/2022 to 31/12/2022						
9	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, MCPCB, surge protective device,, Switches , wires, Holders, Starter observing weather proofing technic confirming to IP 65 standards. and , switching ON/OFF of street lights at specified timing and Pole numbering , Preparing ward wise ,street wise street light data bank , furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 150/180 watt LED street light /High mast lighting system.	Nos	1	0	1871.51	155.96	0
	No of complaints attended for the period of 01.01.2023 to 31.01.2023						

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Bruhath Bangalore Mahanagara Palike

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Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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	pply and Installation / Fixing / Provision of Outdoor type ermoplastic Modular Panel enclosure with transparent arbonate Lid, shock proof, IP65 (Weather Proof), rust proof, ust proof, water proof, corrosion proof having internally mbedded gasket on both lid and flap suitable to fix Single Phase / hree Phase Energy Meter in suitable base plate and having a rovision for Fuse / MCB cutout with suitable transparent hinged lap opening for operating MCB along with complete tamper proof SEALING facility.300mmx450mmx214mm	Each	0	5	5127	5127.00	25635
	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc , complete with AC-3 Rating and as per IS-13947 100 to 125Amps	Each	0	5	7200	7200.00	36000
	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 50-63 Amps SP	Each	0	5	723	723.00	3615
13	Supplying and fixing Microprocessor Based Astronomical timer Switch with using necessary bolts, nuts and washers.	Each	0	5	4030	4030.00	20150
1	Opposite Rajanna Building 1st main Govindaraju Badavane Chikkasandra						
2	#55 10th Cross Sapthagiri College Road Chikkasandra						
3	Opposite Basavehwra Khanavali 8th main AGB Layout						
4	#254,4th main AGB Layout						
5	Opposite Sumuka Bakery Shettihalli village Circle Janatha Colony						
14	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694 confirming to latest amendments.6 sqmm	Mtr	0	10	70	70.00	700
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.6 sqmm	Each	0	50	7	7.00	350
	TOTAL						288303.67
	Add GST 12 % on item no 10 to 15						10374.00
	TOTAL Rs						298677.67
	Fine imposed for non burning of street lights For the period of 01/12/2022 to31/12/2022						3500.00
	As per street light agreement clause 2 % will be deducted in monthly maintenance bill against the released scrap material						4037.07
	GRAND TOTAL						291140.60

CERTIFICATE

1.This is to certify that the work done is saticefactorily.

2.This is to certify that the bill amount calimed in this bill does not claimed in any of the previous bill.

Junior Engineer(Elec)
Dasarahalli Division
JUNIOR ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Asst.Exe.Engineer(Elec)
Dasarahalli Division,
ASST. EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Executive Engineer (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone

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